

P400 Specifications (Cont'd)

Performance Maximum Flow at Designated Pressure - Imperial *

All Pumps (gph)		Metric Pump Heads Only (m³/h)		Pump rpm	Gear Ratio	Motor rpm
150 psi	200 psi	250 psi	300 psi			
8,400 (302)	5,100 (202)	6,400 (242)	4,400 (162)	30	40:1	
11,400 (428)	7,200 (272)	8,400 (302)	5,400 (192)	30	40:1	
14,400 (538)	9,200 (332)	10,400 (382)	6,400 (232)	40	40:1	
17,400 (648)	11,200 (412)	12,400 (452)	7,400 (272)	40	40:1	
20,400 (768)	13,200 (492)	14,400 (532)	8,400 (302)	50	40:1	
23,400 (888)	15,200 (572)	16,400 (612)	9,400 (342)	50	40:1	
26,400 (1,008)	17,200 (652)	18,400 (672)	10,400 (382)	60	40:1	
29,400 (1,128)	19,200 (732)	20,400 (752)	11,400 (422)	60	40:1	
32,400 (1,248)	21,200 (812)	22,400 (812)	12,400 (452)	70	40:1	
35,400 (1,368)	23,200 (892)	24,400 (892)	13,400 (492)	70	40:1	
38,400 (1,488)	25,200 (972)	26,400 (972)	14,400 (532)	80	40:1	
41,400 (1,608)	27,200 (1,052)	28,400 (1,052)	15,400 (572)	80	40:1	
44,400 (1,728)	29,200 (1,132)	30,400 (1,132)	16,400 (612)	90	40:1	
47,400 (1,848)	31,200 (1,212)	32,400 (1,212)	17,400 (652)	90	40:1	
50,400 (1,968)	33,200 (1,292)	34,400 (1,292)	18,400 (692)	100	40:1	
53,400 (2,088)	35,200 (1,372)	36,400 (1,372)	19,400 (732)	100	40:1	
56,400 (2,208)	37,200 (1,452)	38,400 (1,452)	20,400 (752)	110	40:1	
59,400 (2,328)	39,200 (1,532)	40,400 (1,532)	21,400 (792)	110	40:1	
62,400 (2,448)	41,200 (1,612)	42,400 (1,612)	22,400 (812)	120	40:1	
65,400 (2,568)	43,200 (1,692)	44,400 (1,692)	23,400 (852)	120	40:1	
68,400 (2,688)	45,200 (1,772)	46,400 (1,772)	24,400 (892)	130	40:1	
71,400 (2,808)	47,200 (1,852)	48,400 (1,852)	25,400 (932)	130	40:1	
74,400 (2,928)	49,200 (1,932)	50,400 (1,932)	26,400 (972)	140	40:1	
77,400 (3,048)	51,200 (2,012)	52,400 (2,012)	27,400 (1,012)	140	40:1	
80,400 (3,168)	53,200 (2,092)	54,400 (2,092)	28,400 (1,052)	150	40:1	
83,400 (3,288)	55,200 (2,172)	56,400 (2,172)	29,400 (1,092)	150	40:1	
86,400 (3,408)	57,200 (2,252)	58,400 (2,252)	30,400 (1,132)	160	40:1	
89,400 (3,528)	59,200 (2,332)	60,400 (2,332)	31,400 (1,172)	160	40:1	
92,400 (3,648)	61,200 (2,412)	62,400 (2,412)	32,400 (1,212)	170	40:1	
95,400 (3,768)	63,200 (2,492)	64,400 (2,492)	33,400 (1,252)	170	40:1	
98,400 (3,888)	65,200 (2,572)	66,400 (2,572)	34,400 (1,292)	180	40:1	
101,400 (4,008)	67,200 (2,652)	68,400 (2,652)	35,400 (1,332)	180	40:1	
104,400 (4,128)	69,200 (2,732)	70,400 (2,732)	36,400 (1,372)	190	40:1	
107,400 (4,248)	71,200 (2,812)	72,400 (2,812)	37,400 (1,412)	190	40:1	
110,400 (4,368)	73,200 (2,892)	74,400 (2,892)	38,400 (1,452)	200	40:1	
113,400 (4,488)	75,200 (2,972)	76,400 (2,972)	39,400 (1,492)	200	40:1	
116,400 (4,608)	77,200 (3,052)	78,400 (3,052)	40,400 (1,532)	210	40:1	
119,400 (4,728)	79,200 (3,132)	80,400 (3,132)	41,400 (1,572)	210	40:1	
122,400 (4,848)	81,200 (3,212)	82,400 (3,212)	42,400 (1,612)	220	40:1	
125,400 (4,968)	83,200 (3,292)	84,400 (3,292)	43,400 (1,652)	220	40:1	
128,400 (5,088)	85,200 (3,372)	86,400 (3,372)	44,400 (1,692)	230	40:1	
131,400 (5,208)	87,200 (3,452)	88,400 (3,452)	45,400 (1,732)	230	40:1	
134,400 (5,328)	89,200 (3,532)	90,400 (3,532)	46,400 (1,772)	240	40:1	
137,400 (5,448)	91,200 (3,612)	92,400 (3,612)	47,400 (1,812)	240	40:1	
140,400 (5,568)	93,200 (3,692)	94,400 (3,692)	48,400 (1,852)	250	40:1	
143,400 (5,688)	95,200 (3,772)	96,400 (3,772)	49,400 (1,892)	250	40:1	
146,400 (5,808)	97,200 (3,852)	98,400 (3,852)	50,400 (1,932)	260	40:1	
149,400 (5,928)	99,200 (3,932)	100,400 (3,932)	51,400 (1,972)	260	40:1	
152,400 (6,048)	101,200 (4,012)	102,400 (4,012)	52,400 (2,012)	270	40:1	
155,400 (6,168)	103,200 (4,092)	104,400 (4,092)	53,400 (2,052)	270	40:1	
158,400 (6,288)	105,200 (4,172)	106,400 (4,172)	54,400 (2,092)	280	40:1	
161,400 (6,408)	107,200 (4,252)	108,400 (4,252)	55,400 (2,132)	280	40:1	
164,400 (6,528)	109,200 (4,332)	110,400 (4,332)	56,400 (2,172)	290	40:1	
167,400 (6,648)	111,200 (4,412)	112,400 (4,412)	57,400 (2,212)	290	40:1	
170,400 (6,768)	113,200 (4,492)	114,400 (4,492)	58,400 (2,252)	300	40:1	
173,400 (6,888)	115,200 (4,572)	116,400 (4,572)	59,400 (2,292)	300	40:1	
176,400 (7,008)	117,200 (4,652)	118,400 (4,652)	60,400 (2,332)	310	40:1	
179,400 (7,128)	119,200 (4,732)	120,400 (4,732)	61,400 (2,372)	310	40:1	
182,400 (7,248)	121,200 (4,812)	122,400 (4,812)	62,400 (2,412)	320	40:1	
185,400 (7,368)	123,200 (4,892)	124,400 (4,892)	63,400 (2,452)	320	40:1	
188,400 (7,488)	125,200 (4,972)	126,400 (4,972)	64,400 (2,492)	330	40:1	
191,400 (7,608)	127,200 (5,052)	128,400 (5,052)	65,400 (2,532)	330	40:1	
194,400 (7,728)	129,200 (5,132)	130,400 (5,132)	66,400 (2,572)	340	40:1	
197,400 (7,848)	131,200 (5,212)	132,400 (5,212)	67,400 (2,612)	340	40:1	
200,400 (7,968)	133,200 (5,292)	134,400 (5,292)	68,400 (2,652)	350	40:1	
203,400 (8,088)	135,200 (5,372)	136,400 (5,372)	69,400 (2,692)	350	40:1	
206,400 (8,208)	137,200 (5,452)	138,400 (5,452)	70,400 (2,732)	360	40:1	
209,400 (8,328)	139,200 (5,532)	140,400 (5,532)	71,400 (2,772)	360	40:1	
212,400 (8,448)	141,200 (5,612)	142,400 (5,612)	72,400 (2,812)	370	40:1	
215,400 (8,568)	143,200 (5,692)	144,400 (5,692)	73,400 (2,852)	370	40:1	
218,400 (8,688)	145,200 (5,772)	146,400 (5,772)	74,400 (2,892)	380	40:1	
221,400 (8,808)	147,200 (5,852)	148,400 (5,852)	75,400 (2,932)	380	40:1	
224,400 (8,928)	149,200 (5,932)	150,400 (5,932)	76,400 (2,972)	390	40:1	
227,400 (9,048)	151,200 (6,012)	152,400 (6,012)	77,400 (3,012)	390	40:1	
230,400 (9,168)	153,200 (6,092)	154,400 (6,092)	78,400 (3,052)	400	40:1	
233,400 (9,288)	155,200 (6,172)	156,400 (6,172)	79,400 (3,092)	400	40:1	
236,400 (9,408)	157,200 (6,252)	158,400 (6,252)	80,400 (3,132)	410	40:1	
239,400 (9,528)	159,200 (6,332)	160,400 (6,332)	81,400 (3,172)	410	40:1	
242,400 (9,648)	161,200 (6,412)	162,400 (6,412)	82,400 (3,212)	420	40:1	
245,400 (9,768)	163,200 (6,492)	164,400 (6,492)	83,400 (3,252)	420	40:1	
248,400 (9,888)	165,200 (6,572)	166,400 (6,572)	84,400 (3,292)	430	40:1	
251,400 (10,008)	167,200 (6,652)	168,400 (6,652)	85,400 (3,332)	430	40:1	
254,400 (10,128)	169,200 (6,732)	170,400 (6,732)	86,400 (3,372)	440	40:1	
257,400 (10,248)	171,200 (6,812)	172,400 (6,812)	87,400 (3,412)	440	40:1	
260,400 (10,368)	173,200 (6,892)	174,400 (6,892)	88,400 (3,452)	450	40:1	
263,400 (10,488)	175,200 (6,972)	176,400 (6,972)	89,400 (3,492)	450	40:1	
266,400 (10,608)	177,200 (7,052)	178,400 (7,052)	90,400 (3,532)	460	40:1	
269,400 (10,728)	179,200 (7,132)	180,400 (7,132)	91,400 (3,572)	460	40:1	
272,400 (10,848)	181,200 (7,212)	182,400 (7,212)	92,400 (3,612)	470	40:1	
275,400 (10,968)	183,200 (7,292)	184,400 (7,292)	93,400 (3,652)	470	40:1	
278,400 (11,088)	185,200 (7,372)	186,400 (7,372)	94,400 (3,692)	480	40:1	
281,400 (11,208)	187,200 (7,452)	188,400 (7,452)	95,400 (3,732)	480	40:1	
284,400 (11,328)	189,200 (7,532)	190,400 (7,532)	96,400 (3,772)	490	40:1	
287,400 (11,448)	191,200 (7,612)	192,400 (7,612)	97,400 (3,812)	490	40:1	
290,400 (11,568)	193,200 (7,692)	194,400 (7,692)	98,400 (3,852)	500	40:1	
293,400 (11,688)	195,200 (7,772)	196,400 (7,772)	99,400 (3,892)	500	40:1	
296,400 (11,808)	197,200 (7,852)	198,400 (7,852)	100,400 (3,932)	510	40:1	
299,400 (11,928)	199,200 (7,932)	200,400 (7,932)	101,400 (3,972)	510	40:1	
302,400 (12,048)	201,200 (8,012)	202,400 (8,012)	102,400 (4,012)	520	40:1	
305,400 (12,168)	203,200 (8,092)	204,400 (8,092)	103,400 (4,052)	520	40:1	
308,400 (12,288)	205,200 (8,172)	206,400 (8,172)	104,400 (4,092)	530	40:1	
311,400 (12,408)	207,200 (8,252)	208,400 (8,252)	105,400 (4,132)	530	40:1	
314,400 (12,528)	209,200 (8,332)	210,400 (8,332)	106,400 (4,172)	540	40:1	
317,400 (12,648)	211,200 (8,412)	212,400 (8,412)	107,400 (4,212)	540	40:1	
320,400 (12,768)	213,200 (8,492)	214,400 (8,492)	108,400 (4,252)	550	40:1	
323,400 (12,888)	215,200 (8,572)	216,400 (8,572)	109,400 (4,292)	550	40:1	
326,400 (13,008)	217,200 (8,652)	218,400 (8,652)	110,400 (4,332)	560	40:1	
329,400 (13,128)	219,200 (8,732)	220,400 (8,732)	111,400 (4,372)	560	40:1	
332,400 (13,248)	221,200 (8,812)	222,400 (8,812)	112,400 (4,412)	570	40:1	
335,400 (13,368)	223,200 (8,892)	224,400 (8,892)	113,400 (4,452)	570	40:1	
338,400 (13,488)	225,200 (8,972)	226,400 (8,972)	114,400 (4,492)	580	40:1	
341,400 (13,608)	227,200 (9,052)	228,400 (9,052)	115,400 (4,532)	580	40:1	
344,400 (13,728)	229,200 (9,132)	230,400 (9,132)	116,400 (4,572)	590	40:1	
347,400 (13,848)	231,200 (9,212)	232,400 (9,212)	117,400 (4,612)	590	40:1	
350,400 (13,968)	233,200 (9,292)	234,400 (9,292)	118,400 (4,652)	600	40:1	
353,400 (14,088)	235,200 (9,372)	236,400 (9,372)	119,400 (4,692)	600	40:1	
356,400 (14,208)	237,200 (9,452)	238,400 (9,452)	120,400 (4,732)	610	40:1	
359,400 (14,328)	239,200 (9,532)	240,400 (9,532)	121,400 (4,772)	610	40:1	
362,400 (14,448)	241,200 (9,612)	242,400 (9,612)	122,400 (4,812)	620	40:1	
365,400 (14,568)	243,200 (9,692)	244,400 (9,692)	123,400 (4,852)	620	40:1	
368,400 (14,688)	245,200 (9,772)	246,400 (9,772)	124,400 (4,892)	630	40:1	
371,400 (14,808)	247,200 (9,852)	248,400 (9,852)	125,400 (4,932)	630	40:1	
374,400 (14,928)	249,200 (9,932)	250,400 (9,932)	126,400 (4,972)	640	40:1	
377,400 (15,048)	251,200 (10,012)	252,400 (10,012)	127,400 (5,012)	640	40:1	
380,400 (15,168)	253,200 (10,092)	254,400 (10,092)	128,400 (5,052)	650	40:1	
383,400 (15,288)	255,200 (10,172)	256,400 (10,172)	129,400 (5,092)	650	40:1	
386,400 (15,408)	257,200 (10,252)	258,400 (10,252)	130,400 (5,132)	660	40:1	
389,400 (15,528)	259,200 (10,332)	260,400 (10,332)	131,400 (5,			